Fig.1

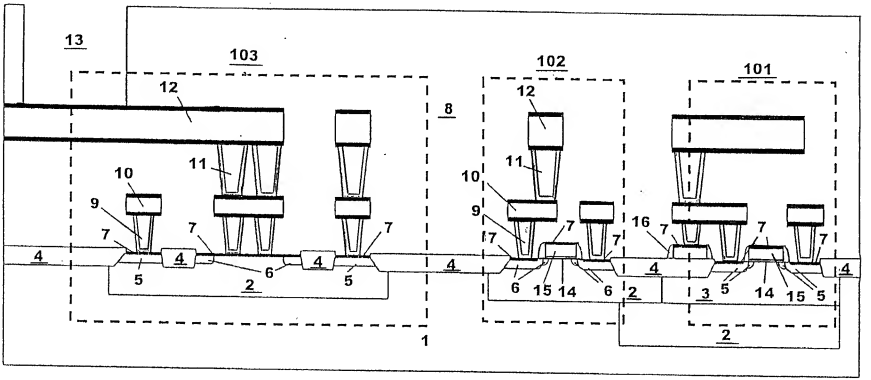


Fig.2(a)

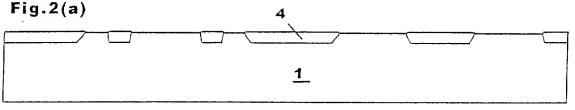



Fig.2(b)

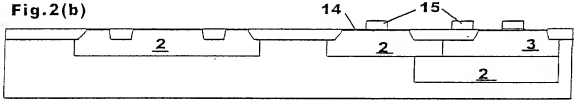



Fig.2(c)

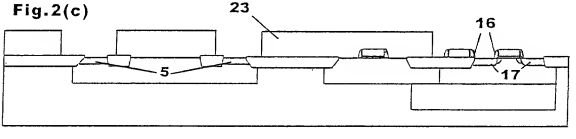



Fig.2(d)

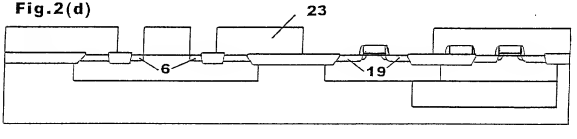


Fig.2(e)

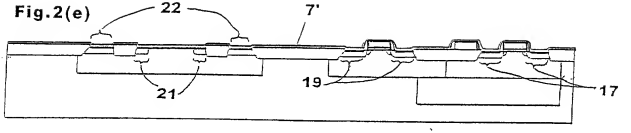



Fig.2(f)

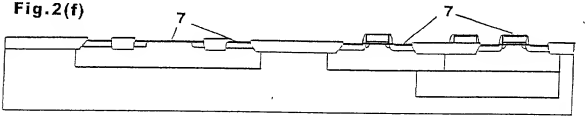



Fig.2(g)

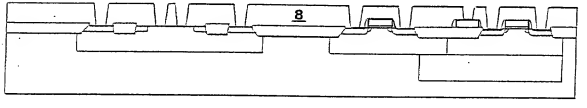



Fig.2(h)

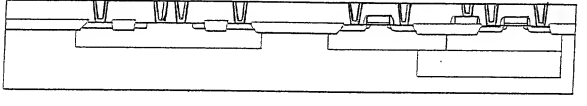



Fig.2(i)

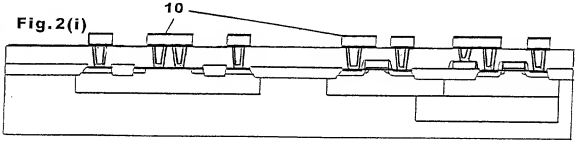



Fig.2(j)

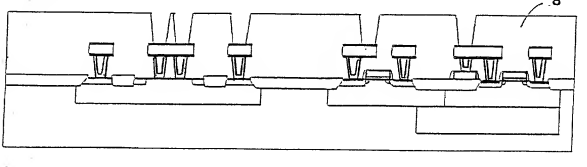


Fig.2(k)

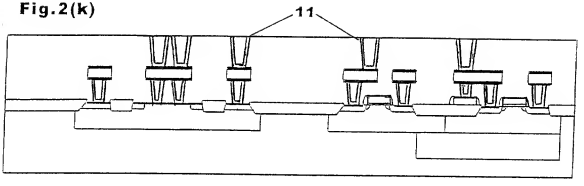



Fig.2(l)

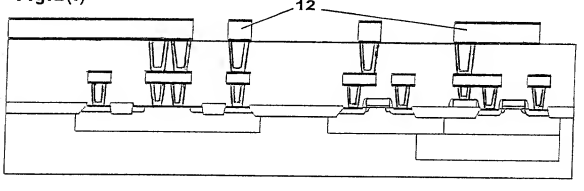
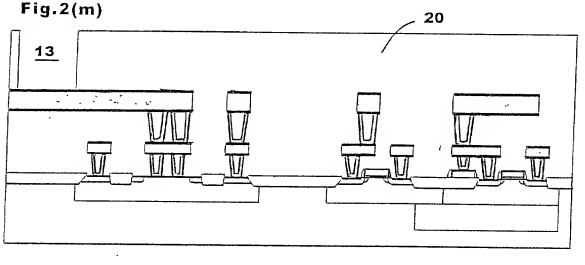



Fig.2(m)



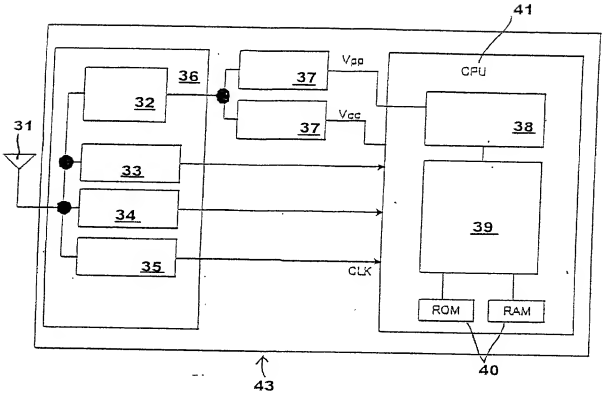

41
CPU
36
37
Vpp
37
Vcc
32
31
38
33
34
39
35
CLK
ROM
RAM
40
43

Fig.3

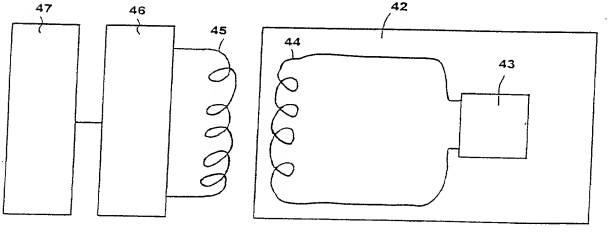

47
46
45
42
44
43

Fig.4

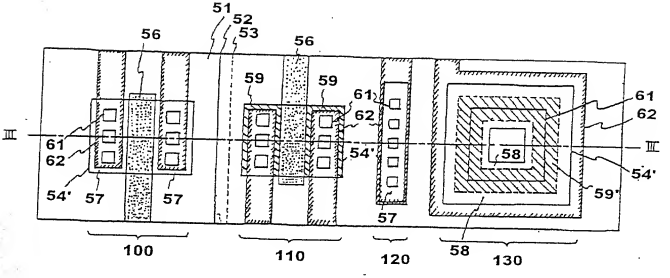

51
52
53
56
56
59
59
61
62
61
62
III
III
54'
58
54'
59'
54'
57
57
57
100
110
120
58
130

Fig.5

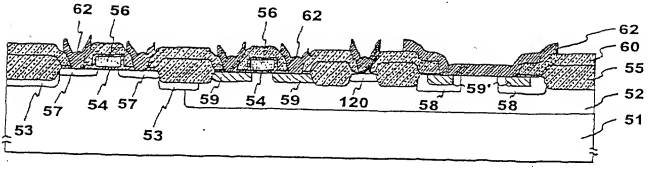

62
56
56
62
62
60
55
59'
57
54
57
59
54
59
120
58
58
52
53
53
51

Fig.6